

## ASTD/TDI Project Static Report

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### *Bioremediation and Natural Attenuation for In Situ Restoration of Chloroethene-Contaminated Groundwater*

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**Focus Area:** Subsurface Contaminants Focus Area

**Focus Area Manager:** Carl Lanigan, (803) 725-0404

**TTP No.:** ID79SS41

**Principal Investigator:** Lance Peterson, (208) 526-9738

**Lead Site:** Idaho

**Project No.:** 99-ASTD-41

**Technology Vendor(s)/Commercial Partner(s):**

**Tech ID/TMS No.:** 1742

None identified at this time

**Related Publication(s):** N/A

**Web Page(s):**

**Description:** This in situ bioremediation (ISB) and natural attenuation (NA) project consists of four major tasks: (1) microbial characterization; (2) NA monitoring well installation; (3) NA monitoring; and (4) technology integration.

**Application:** ISB/NA will be initially deployed at the Test Area North (TAN) groundwater plume. Contaminants include chlorinated solvents (PCE, TCE), radionuclides (H3, Sr90, Cs137, and U234), and sewage, which were injected into the Snake River Plain Aquifer.

**Location(s):** INEEL

**Technology(ies):**

In Situ Anaerobic Bioremediation / Natural Attenuation

	<b>Funding (\$K):</b>	<b><u>FY-98</u></b>	<b><u>FY-99</u></b>	<b><u>FY-00</u></b>	<b><u>FY-01</u></b>	<b><u>Total</u></b>
<b>TTP No.:</b>	ID79SS41	\$0	\$396	\$1,000	\$104	\$1,500
<b>Leverage Source:</b>	EM-40					\$1,740
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					<b>Funding Total (\$K):</b>	\$3,240

<b>Cost Savings (\$M):</b>	<b><u>Proposal</u></b>	<b><u>Deployment Plan/TTP</u></b>	<b><u>Current Focus Area Projection</u></b>
	Pending	Pending	\$73,500